

PATENT CLAIMS

1. Adhesive, preferably in watery dispersion form, with
 - a dispersoid of a polymer of an ethylene unsaturated monomer and
 - a first dispersing agent from a polyvinyl alcohol modified by ethylene units with a ethylenic unit content below 20 Mol%, preferably from 2 to 9 Mol%, especially preferred from 3 to 8 Mol%, characterized in that
 - a vinyl alcohol polymer is present as a further dispersing agent.
2. Adhesive according to claim 1, characterized in that the dispersoid is polyvinyl acetate.
3. Adhesive according to claim 2, characterized in that the polyvinyl acetate has degree of polymerization from 100 to 2500.
4. Adhesive according to claim 2 or 3, characterized in that the polyvinyl acetate is present in an amount from 40 to 60% by weight, in particular 45 to 55% by weight relative to the dispersion.
5. Adhesive according to one or more of claims 1 to 4, characterized in that the modified polyvinyl alcohol is an ethylene vinyl alcohol-co-polymer.

6. Adhesive according to claim 5, characterized in that the ethylene vinyl alcohol-co-polymer has a degree of polymerization from 100 to 8000, preferably 350 to 3500, especially preferred from 500 to 1200.
7. Adhesive according to claim 5 or 6, characterized in that the ethylene vinyl alcohol-co-polymer has a degree of hydrolysis from 88 to 100 Mol %, especially 95 to 100 Mol%.
8. Adhesive according to one of claims 5 to 7, characterized in that the ethylene vinyl alcohol-co-polymer is present in an amount from 1 to 3 % by weight, especially 1.5 to 2.8 % by weight relative to the dispersion.
9. Adhesive according to one or more of claims 1 to 8, characterized in that at least one of the vinyl alcohol polymer has a degree of polymerization from 1500 to 3000, especially from 2000 to 2500.
10. Adhesive according to one or more of claims 1 to 9, characterized in that at least one of the vinyl alcohol polymer has a degree of hydrolysis from 81 to 100 Mol%, especially from 85 to 92 Mol%.

11. Adhesive according to one or more of claims 1 to 10, characterized in that at least one of the vinyl alcohol polymer is present in an amount from 0.6 to 2.5% by weight, especially from 1.0 to 2.0% by weight relative to the dispersion.
12. Adhesive according to one or more of claims 1 to 11, characterized in that the vinyl alcohol polymer comprises a first partially saponified polymer with a polymerization degree from 1500 to 3000 and a degree of hydrolysis from 88 to 92 Mol%, especially 88 to 89 Mol%, and a viscosity from 15 to 30 mPa. sec, especially 20 to 25 mPa. Sec, each in watery solution, in an amount from 0.1 to 1.50 % by weight, especially 0.3 to 0.6 % by weight relative to the dispersion,
and
a further partially saponified polymer with a polymerization- and hydrolysis degree like the first partially saponified polymer and a viscosity from 30 to 50 mPa. sec, especially 35 to 45 mPa. Sec., each in a 4% watery solution, in an amount from 0.5 to 1.5 % by weight, especially from 0.8 to 1.2 % by weight, relative to the dispersion.
13. Adhesive according to one or more claim 1 to 12, characterized in that the dispersion has a pH value from 5.5 to 7.5, preferably 6.2 to 6.9.

14. Building component constructed from at least two layers, characterized in that the layers are bonded by an adhesive according to one or more of claims 1 to 13.